

ABSTRACT

Active part for a surge arrester

The active part which is provided for use in a surge arrester includes two connecting fittings (10, 20), which are arranged along an axis (7) at a distance from one another, at least one cylindrical varistor column (30), which is provided between the two connecting fittings (10, 20), and at least one dielectric loop (41, 42). This loop (41, 42) is supported on the two connecting fittings (10, 20) and thus holds the active part together, thus forming a contact force.

The active part is distinguished by a small physical height and little use of materials. This is achieved in that at least one of the two connecting fittings (10, 20) has an electrode, which is arranged at right angles to the axis (z) and is in the form of a plate (11, 12), as well as an electrical connection (12, 22), which is integrally formed on the plate (11, 12). Furthermore, supporting means which are in the form of shoulders (13, 14, 23, 24) are provided for the dielectric loop (41, 42), and are formed in the plate (11, 21) and/or are integrally formed at the edge of the plate (11, 21).

(Figure 1)